

ABSTRACT

A bracket having two parallel sides and an interconnecting crosspiece is attached to a disk drive or similar peripheral with the sides of the bracket extending longitudinally of the sides of the drive and the crosspiece extending across the front of the drive. A chassis of a computer or the like has internal parallel sides formed with horizontal guides to receive the bracket, a substantially open front face and an internal connector engageable with a mating connector on the rear of the drive when the bracket is fully inserted in the chassis. The sides of the bracket have features to protect the drive from horizontal and vertical vibrations. A handle is pivoted to the crosspiece near one end moveable between at least three positions: a first or latched position parallel to the crosspiece, a second position swinging out at about a 15° angle and a third position at about a 45° angle. In second position a first point on the end of the handle engages the front edge of the side and a second point is about to enter a slot in one side of the chassis. As the handle is pivoted toward third position the second point engages a margin of the slot and pulls the two connectors apart. To reinsert the drive, the positions of the handle are reversed. A spring biased latch engages a hook on the handle. A second spring opens the unlatched handle from the first to second positions.